

Phylum *Verrucomicrobiota*

Etymology

[Ver.ru.co.mi.cro.bi.o'ta] N.L. neut. n. *Verrucomicrobium*, type genus of the phylum; *-ota*, ending to denote a phylum; N.L. pl. neut. n. *Verrucomicrobiota*, the Verrucomicrobium phylum

Nomenclatural type

Genus *Verrucomicrobium*

Description

[Hedlund et al., 1997](#): Gram negative bacteria that contain diaminopimelic acid and are sensitive to ampicillin. Some members of the division produce prosthecae and cells of species may have many fimbriae. Division is defined on phylogenetic basis by 16S rRNA sequence analyses of isolated strains and uncultured representatives from numerous natural soil and aquatic habitats.

[Oren, Garrity, 2021](#): The properties of the taxon are as described by Hedlund *et al.*, 1997. Correction of the effectively published synonym: *Verrucomicrobia* (sic) Hedlund *et al.* 1997.

Classification

Bacteria » *Verrucomicrobiota*

References

Effective publication: Hedlund et al., 1997 [1]
Corrigendum: Oren, Garrity, 2021 [2] (from “Verrucomicrobia”)
Emendavit: Oren, Garrity, 2021 [2]

Registry URL

<https://seqco.de/i:1870>

References

1. Hedlund et al. (1997). . *Antonie van Leeuwenhoek*. DOI:10.1023/a:1000348616863
2. Oren, Garrity (2021). Valid publication of the names of forty-two phyla of prokaryotes. *International Journal of Systematic and Evolutionary Microbiology*. DOI:10.1099/ijsem.0.005056